BULAWAYO POLYTECHNIC

DIVISION OF APPLIED SCIENCE

HIGHER NATIONAL DIPLOMA **APPLIED CHEMICAL TECHNOLOGY**

ASSIGNGMENT TWO

1. Describe the importance of MSDS in a chemical laboratory (20)

2. Describe the following sampling methods and how they can be applied to chemical analysis

a) **Convenience Sampling**
b) **Quota sampling**
c) **Stratified sampling**
d) **Snowball sampling**
e) **Consecutive sampling (30)**

3. Discuss the important considerations in monitoring progress during a chemical analysis (20)

4. Explain the importance of the following clearly stating situation in which they are appropriate as tools of communication

a) **Notices**
b) **Minutes**
c) **Memos**
d) **Meetings (20)**

5. There have been reports that water in a stream passing near the college is contaminated Write a detailed report on research methodology you can apply to collect and carry out detailed chemical analysis of specified four possible contaminants in the water (10)